

according to the mobility. Further, supporting forces of the border portions 24 and 26 are set so as to be weak at the vicinity of the joints of the legs and to be strong in the vicinity of patella.

[0014]

5 The border portion 20 supports the musculus vastus intermedius 17 and the musculus sartorius 19, and the border portion 22 supports the musculus vastus lateralis 21. The border portion 24 supports the musculus adductor longus 23 and the musculus vastus medialis 25, and the border portion 26 supports the musculus gracilis. With this, the mulculus vastus
10 lateralis 21 and the musculus vastus medialis 25 are supported by the border portion 20 and the border portion 24 in an X-letter shape, so that these muscles are raised from below and pulled up in directions crossing in the X-letter shape.

[0015]

15 The border portions 20 and 24 cross at the ^{tendo} musculus quadriceps femoris above the patella (above the knee), and the crossing portion where the border portions 20 and 24 cross is a mesh portion 28. The mesh portion 28 has a strong supporting force, and at the musculus rectus femoris 27, it locally supports the musculus quadriceps femoris to which a force is applied
20 locally during a motion, so as to prevent damages to the tendon.

Translation of page 4, left column, paragraph [0017]

[0017]

25 The following will describe the straining part at the knee joints of the spats 10. The border portions 20 and 24 extend from the mesh portion 28 toward below, and pass on both sides of the patella, respectively. The border portion 20 is superposed on the border portion 26, while the border portion 24 is superposed on the border portion 22, where a mesh portion 30 is formed in a semi-circular shape along a lower side of the patella so as to
30 support the lower side of the patella. The mesh portion 30 has a stronger straining force than that of the border portions 20, 22, 24, and 26, to support the tendons and muscles of the knee part strongly. Particularly by supporting the patellar tendon locally strongly, the musculus quadriceps femoris above the knee and the patellar tendon below the knee, which are
35 continued to each other, are protected, and inflammation at the patella and muscle strain of the musculus rectus femoris 27 are prevented. The mesh